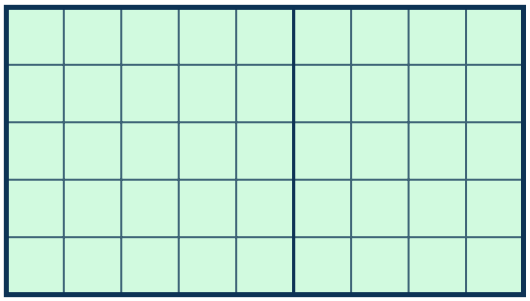
Area Concepts

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

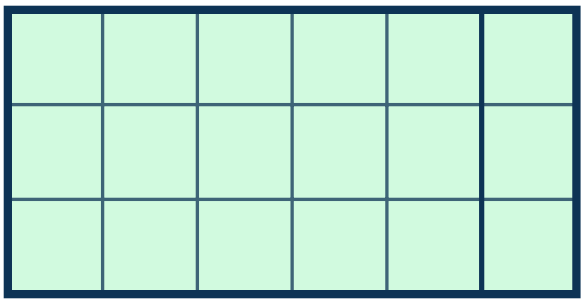
Circle the answer, or write the answer on the line.

1. Each square is 1 square meter. A rug covers this whole grid except the bottom row. What area does the rug cover?



44 square meters 40 square meters 45 square meters 36 square meters

2. This picture shows one part of an L-shaped rug. The other part is a 2 by 4 rectangle. What is the area of the whole rug?



15 square units 18 square units 26 square units 24 square units

3. Which has the greater area: a 6 by 4 rectangle or a 5 by 5 square?

The square, by 1 square unit

The rectangle, by 1 square unit

They have the same area

The rectangle, by 2 square units

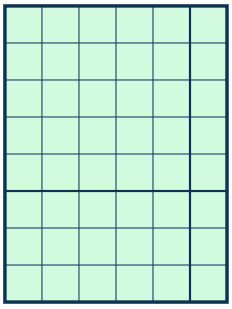
4. Room A is 5 by 8. Room B is 6 by 6. How many more square units does Room A cover?

_____

5. Which rectangle has the same area as a 4 by 6 rectangle?

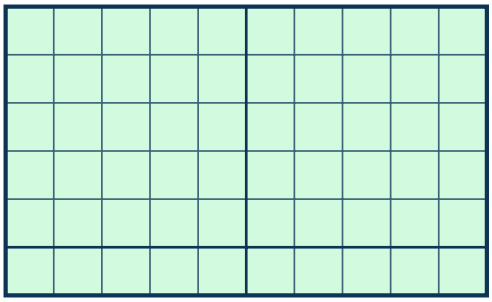
3 by 8 5 by 5 3 by 7 5 by 6

6. This rectangle is split into two parts: 8 rows of 2 squares and 8 rows of 4 squares. Which sum gives the whole area?



10 + 12 8 + 6 16 + 24 16 + 32

7. How many unit squares cover this rectangle?



_____

8. Jo tiles an 8 by 4 rectangle. She counts only the squares around the edge. What does she count, and what is the true area?

She counts 20; the area is 32

She counts 12; the area is 32

She counts 24; the area is 32

She counts 20; the area is 24

9. A rug covers 42 square feet. It is 7 feet long. How many feet wide is it?

_____

10. A 6 by 5 rectangle has a 2 by 2 square cut from one corner. What area is left?

22 square units 28 square units 30 square units 26 square units

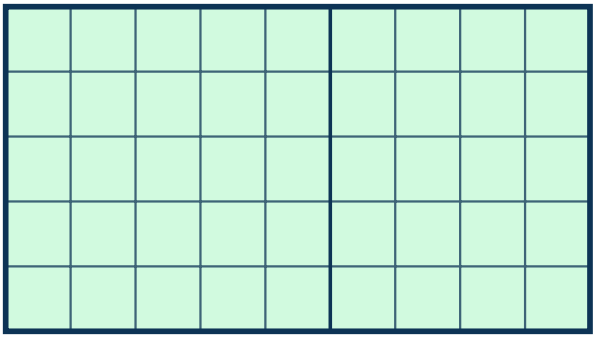
Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Area Concepts

Answer Key - Grade 3 Math Worksheet - Challenge Me

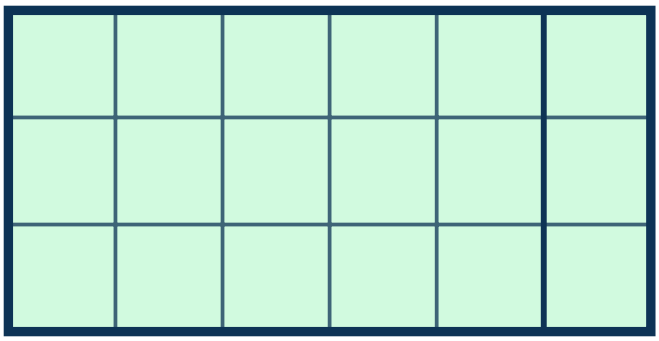
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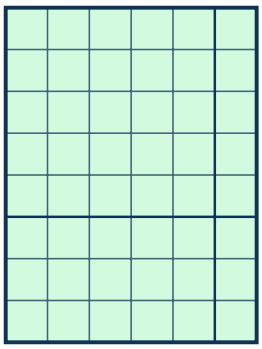
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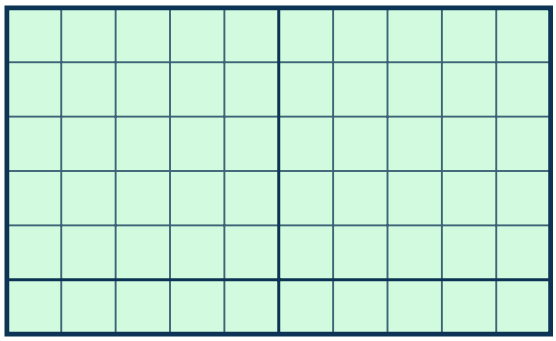
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